

### **Amendments to the Claims:**

This listing of claims will replace all prior versions, and listing, of claims in the application.

1. (Currently Amended) A method for providing a reusable software control, comprising:  
incorporating the control into an Integrated Development Environment (IDE), wherein a graphical representation of the control can be interactively manipulated, the control includes methods wherein the graphical representation of the control includes a graphical representation of the methods;

exposing services associated with the control and related to programmatically interacting with a portal; and

wherein the control has a customizable interface.

2. (Original) The method of claim 1 wherein the services can include:

a first group of services related to portal tracking; and

a second group of services related to portal personalization.

3. (Original) The method of claim 1 wherein the interactive manipulation of the control includes:

graphically connecting the control to other controls to establish flow-of-control at run-time.

4. (Currently Amended) The method of claim 1 wherein:

the control includes annotated ~~Java~~ code.

5. (Original) The method of claim 1 wherein:

the control can use other controls.

6. (Original) The method of claim 1, further comprising:

specifying IDE characteristics of the control.

7. (Original) The method of claim 1 wherein:

the services related to interacting with a portal can include one or more of: portal personalization, portal events and portal configuration.

8. (Currently Amended) A method for providing a reusable software control, comprising:

incorporating the control into an Integrated Development Environment (IDE), wherein a graphical representation of the control can be interactively manipulated by graphically connecting the control to other controls to establish flow-of-control at run-time;

exposing services associated with the control and related to programmatically interacting with a portal; and

wherein the control has a customizable interface, the control includes methods wherein the graphical representation includes a graphical readable of the methods.

9. (Original) The method of claim 8 wherein the services can include:

a first group of services related to portal tracking; and

a second group of services related to portal personalization.

10. (Currently Amended) The method of claim 8 wherein:

the control includes annotated ~~Java~~ code.

11. (Original) The method of claim 8 wherein:

the control can use other controls.

12. (Original) The method of claim 8, further comprising:

specifying IDE characteristics of the control.

13. (Original) The method of claim 8 wherein:

the services related to interacting with a portal can include one or more of: portal personalization, portal events and portal configuration.

14. (Currently Amended) A computer-based framework for providing a reusable software control, said framework comprising:

an Integrated Development Environment (IDE) operable to incorporate the control, wherein a graphical representation of the control can be interactively manipulated in the IDE, the control includes methods wherein the graphical representation of the control includes a graphical representation of the methods;

a set of services associated with the control and related to programmatically interacting with a portal; and

wherein the control has a customizable interface.

15. (Currently Amended) The ~~system~~ computer-based of claim 14 wherein the services can include:

a first group of services related to portal tracking; and

a second group of services related to portal personalization.

16. (Currently Amended) The ~~system~~ computer-based of claim 14 wherein the interactive manipulation of the control includes:

graphically connecting the control to other controls to establish flow-of-control at run-time.

17. (Currently Amended) The ~~system~~ computer-based of claim 14 wherein:

the control includes annotated Java code.

18. (Currently Amended) The ~~system~~ computer-based of claim 14 wherein:

the control can use other controls.

19. (Currently Amended) The ~~system~~ computer-based of claim 14, further comprising:

specifying IDE characteristics of the control.

20. (Currently Amended) The ~~system~~ computer-based of claim 14 wherein:

the services related to interacting with a portal can include one or more of: portal personalization, portal events and portal configuration.

21. (Currently Amended) A computer-based framework for providing a reusable software control, said framework comprising:

an Integrated Development Environment (IDE) operable to incorporate the control, wherein a graphical representation of the control can be interactively manipulated in the IDE by graphically connecting the control to other controls to establish flow-of-control at run-time, the control includes methods wherein the graphical representation of the control includes a graphical representation of the methods;

a set of services associated with the control and related to programmatically interacting with a portal; and

wherein the control has a customizable interface.

22. (Currently Amended) The ~~system~~ computer-based framework of claim 21 wherein the services can include:

a first group of services related to portal tracking; and

a second group of services related to portal personalization.

23. (Currently Amended) The ~~system~~ computer-based framework of claim 21 wherein the interactive manipulation of the control includes:

graphically connecting the control to other controls to establish flow-of-control at run-time.

24. (Currently Amended) The ~~system~~ computer-based framework of claim 21 wherein:  
the control includes annotated ~~Java~~ code.

25. (Currently Amended) The ~~system~~ computer-based framework system of claim 21  
wherein:  
the control can use other controls.

26. (Currently Amended) The ~~system~~ computer-based framework system of claim 21, further  
comprising:  
specifying IDE characteristics of the control.

27. (Currently Amended) The ~~system~~ computer-based framework of claim 21 wherein:  
the services related to interacting with a portal can include one or more of: portal  
personalization, portal events and portal configuration.

28. (Currently Amended) A machine readable medium having instructions stored thereon  
that when executed by a processor cause a system to:  
incorporate control into an Integrated Development Environment (IDE), wherein a  
graphical representation of the control can be interactively manipulated, the control includes  
methods wherein the graphical representation of the control includes a graphical representation  
of the methods;

expose services associated with the control and related to programmatically interacting with a portal; and

wherein the control has a customizable interface.

29. (Original) The machine readable medium of claim 28 wherein the services can include:

a first group of services related to portal tracking; and

a second group of services related to portal personalization.

30. (Original) The machine readable medium of claim 28 wherein the interactive manipulation of the control includes:

graphically connecting the control to other controls to establish flow-of-control at run-time.

31. (Currently Amended) The machine readable medium of claim 28 wherein:

the control includes annotated ~~Java~~ code.

32. (Original) The machine readable medium of claim 28 wherein:

the control can use other controls.

33. (Original) The machine readable medium of claim 28, further comprising instructions that when executed cause the system to:

specify IDE characteristics of the control.

34. (Original) The machine readable medium of claim 28 wherein:

the services related to interacting with a portal can include one or more of: portal personalization, portal events and portal configuration.

35. (Currently Amended) A computer data signal embodied in a transmission medium, comprising:

a code segment including instructions to incorporate control into an Integrated Development Environment (IDE), wherein a graphical representation of the control can be interactively manipulated, the control includes methods wherein the graphical representation of the control includes a graphical representation of the methods;

a code segment including instructions to expose services associated with the control and related to programmatically interacting with a portal; and

wherein the control has a customizable interface.